

































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HTML static code analysis

Unique rules to find Bugs, Security Hotspots, and Code Smells in your HTML code

All rules 65 Bug 24 Security Hotspot 3 Code Smell 38

Tags

Search by name...

Table cells should reference their headers	Bug
Tables used for layout should not include semantic markup	Bug
Tables should have headers	Bug
"<html>" element should have a language attribute	Bug
<script>...</script> elements should not be nested	Bug
"<th>" tags should have "id" or "scope" attributes	Bug
"<title>" should be present in all pages	Bug
"<!DOCTYPE>" declarations should appear before "<html>" tags	Bug
Elements deprecated in HTML5 should not be used	Bug
HTML "<table>" should not be used for layout purposes	Code Smell
"aria-label" or "aria-labelledby" attributes should be used to differentiate similar elements	Code Smell
Videos should have subtitles	Code Smell

"<table>" tags should have a description

Analyze your code

Bug Minor accessibility wcag2-a

In order to be accessible to visually impaired users, it is important that tables provides a description of its content before the data is accessed.

The simplest way to do it, and also the one recommended by WCAG2 is to add a <caption> element inside the <table>.

Other technics this rule accepts are:

- adding a concise description via [aria-label](#) or [aria-labelledby](#) attributes in the <table>.
- referencing a description element with an [aria-describedby](#) attribute in the <table>.
- embedding the <table> inside a <figure> which also contains a <figcaption>.
- adding a summary attribute to the <table> tag. However note that this attribute has been deprecated in HTML5.

See [W3C WAI Web Accessibility Tutorials](#) for more information.

This rule raises an issue when a <table> has neither of the previously mentioned description mechanisms.

Noncompliant Code Example

```
<table> <!-- Noncompliant -->
...
<table>
```

Compliant Solution

Adding a <caption> element.

```
<table>
  <caption>New York City Marathon Results 2013</caption>
  ...
</table>
```











Adding an aria-describedby attribute.

```
<p id="mydesc">New York City Marathon Results 2013</p>
<table aria-describedby="mydesc">
  ...
</table>
```

Embedding the table in a <figure> which also contains a <figcaption>.

```
<figure>
  <figcaption>New York City Marathon Results 2013</figca
  <table>
    ...
  </table>
</figure>
```

Adding a summary attribute. However note that this attribute has been

<div>Attributes deprecated in HTML5 should not be used</div> <div> Code Smell</div>
<div>Sections of code should not be commented out</div> <div> Code Smell</div>
<div>Track uses of "FIXME" tags</div> <div> Code Smell</div>
<div>Meta tags should not be used to refresh or redirect</div> <div> Code Smell</div>
<div>Links should not directly target images</div> <div> Code Smell</div>
<div>"" and "" tags should be used</div> <div> Bug</div>
<div>"" and "<dt>" item tags should be in "", "" or "<dl>" container tags</div> <div> Bug</div>
<div>Server-side image maps ("ismap" attribute) should not be used</div> <div> Bug</div>
<div>"<frames>" should have a "title" attribute</div> <div> Bug</div>
<div>"<fieldset>" tags should contain a "<legend>"</div> <div> Bug</div>
<div>Flash animations should be embedded</div>

deprecat

```
<table summary="New York City Marathon Results 2013">
  ...
</table>
```

Exceptions

No issue will be raised on <table> used for layout purpose, i.e. when it contains a role attribute set to "presentation" or "none". Note that using <table> for layout purpose is a bad practice.

No issue will be raised either on <table> containing an aria-hidden attribute set to "true".

See

- WCAG2, 1.3.1 - Info and Relationships
- WCAG2, H39 - Using caption elements to associate data table captions with data tables

Available In:

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